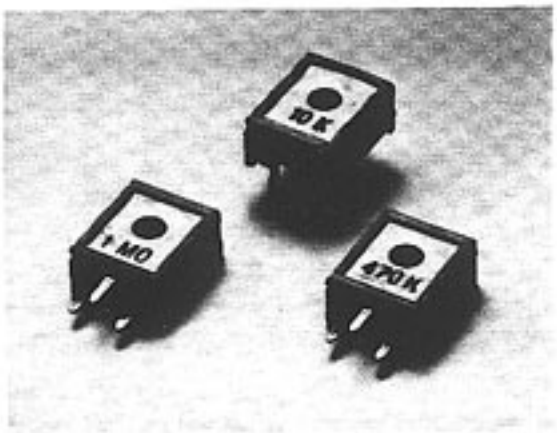
Philips P/N 161971 / 161995 / 161963 / 161947

Model 2322-484

Single Turn Trimming Potentiometer
Cermet Enclosed (Dust Cover)
10 mm Square



Features

- PC Board Mount
- Broad Range of Resistance Values
- Front and Back Adjustable

Part Number

2322-484- 2 2 102

Model

Adjustment Style
1 = Side Adjust (Hex Slot)
2 = Side Adjust (Cross Slot)
6 = Top Adjust (Hex Slot)
7 = Top Adjust (Cross Slot)

Tolerance, Packaging, Pins
2 = ±20%, Bulk, Snap In Pins
4 = ±20%, Bulk, Straight Pins
6 = ±20%, Magazine, Snap In Pins
8 = ±20%, Magazine, Straight Pins

Resistance Code
See Table Below

Consult Factory for Other Options Available

Marking

Units Marked With Resistance Value

Standard Resistance Values and Codes

Ω	Code	Ω	Code
47	470	22 K	223
68	680	33 K	333
100	101	47 K	473
150	151	68 K	683
220	221	100 K	104
330	331	150 K	154
470	471	220 K	224
680	681	330 K	334
1 K	102	470 K	474
1.5 K	152	680 K	684
2.2 K	222	1.0 M	105
3.3 K	332	1.5 M	155
4.7 K	472	2.2 M	225
6.8 K	682	3.3 M	335
10 K	103	4.7 M	475
15 K	153	6.8 M	685
		10 M	106

SPECIFICATIONS

Electrical

Resistance Range	: 47 Ohms to 10 Meg. Ohms
Resistance Tolerance	: ± 20% Standard (± 10% Available)
Temp. Coeff. Of Resistance	: ± 100 ppm /°C
Power Rating	: 1/2 Watt at 40°C
Operating Voltage Max.	: 250 VDC or Power Rating, whichever is less.
Wiper Current Max.	: 100 mA or power rating, whichever is less.
Electrical Angle, Nominal	: 295° Nominal
Electrical Continuity	: Continuous over full mechanical range.
End Resistance	: 0.5% or 2 Ohms, whichever is greater.
Resolution	: Essentially infinite.
Contact Resistance Variation	: 1% or 3 Ohms, whichever is greater.
Operating Temp. Range	: -55°C to 125°C.
Insulation Resistance, Min.	: Not Applicable
Dielectric Strength	: Not Applicable

Mechanical

Mechanical Angle, Nominal	: 300° Nominal
Operating Torque	: 204 gram-cm (2.83 Oz-in.) Max.
Stop Strength, Min.	: 510 gram-cm min. (7.08 Oz-in.)
Rotational Life	: 200 cycles (▲ R/R ≤ ± 5%)

Environmental

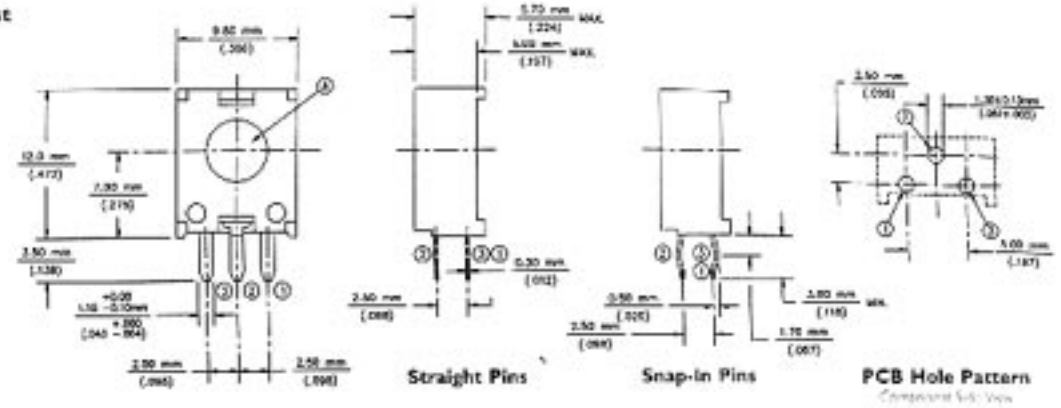
Thermal Shock:	
(-55°C to 125°C)	▲ R/R ≤ 2.00% ▲ SS ≤ 1.0%
Humidity:	
(90% R.H. 40°C, 240 Hrs.)	▲ R/R ≤ 2.00% +0.2 Ω
Mech. Shock:	
(40 g)	▲ R/R ≤ 0.10%
Vibration:	
(10 g, 10 to 500 Hz.)	▲ R/R ≤ 0.50% ▲ SS ≤ 0.30%
Low Temp. Operation:	Not Applicable
High Temp. Exposure:	Not Applicable
Load Life:	
(40°C, 0.50 W, 1000 Hrs.)	▲ R/R ≤ 2.00% ▲ SS ≤ 3.00%
Soldering Heat:	
(350°C, 3 Sec.)	▲ R/R ≤ 1.00% +0.2 Ω
Immersion:	Not Applicable

Philips

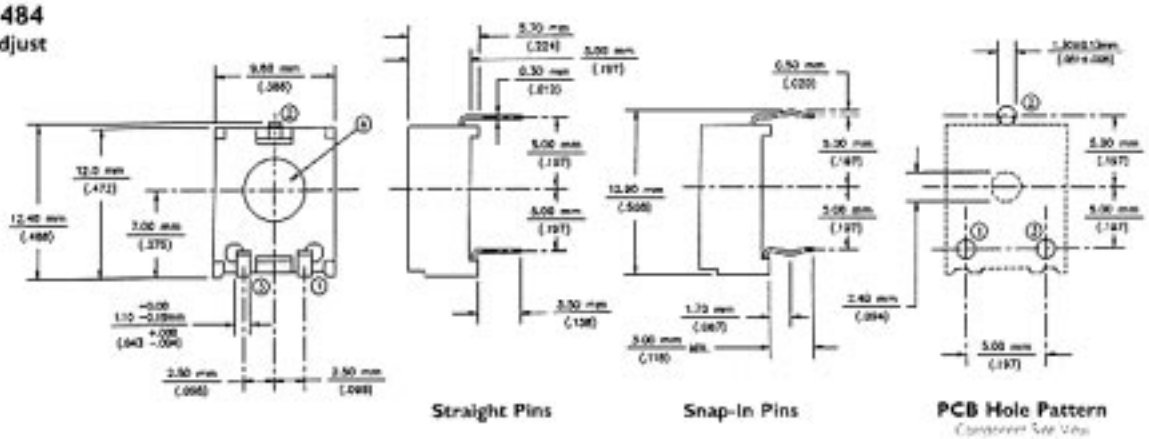
2322-484

Enclosed Single Turn Cermet

2322-484
Side Adjust



2322-484
Top Adjust



Actuating Slot